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(71) Applicant and

(72) Inventor: **KIM, Kyung-Jin** [KR/KR]; 105-102, Shin-sung Apt., Yesan-li, Yesan-eup, Yesan-gun, 340-800 Chungcheongnam-do (KR).

(74) Agent: **JOO, Ho-Joon**; #302, Kunam Bldg., 831-37, Yok-sam-dong, Kangnam-ku, Seoul 135-080 (KR).

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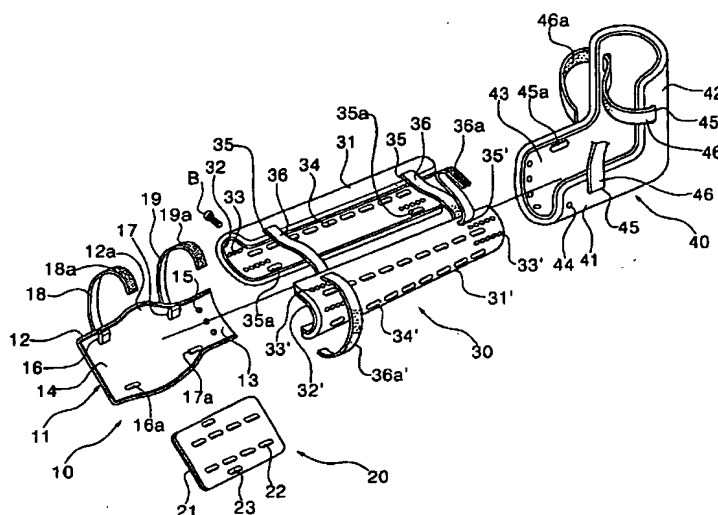
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For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: **SPLINT COMBINED USE CAST ABSENCE FOR BONE FRACTURE FIXING**





(57) Abstract: Disclosed is a combined splint and cast for immobilizing the injured body part due to fracture, ligament rupture, dislocation or the like. In particular, the present invention relates to a combined splint and cast for immobilizing fractured bones, in which a splint and a cast used for a predetermined period of time until a swelling in the injured body part subsides are injection-molded to be combined into one. Therefore, the present invention can solve inconvenience of working with the conventional plaster caste member by using a hand fixing member, a connecting member an elbow fixing member of the combined splint and cast individually or cooperatively according to the use, for example, a short arm splint, a long arm splint or a hanging cast, minimize the sequelae, such as joint contracture by making possible early joint movement, and frequently correct and inaccurate reduction at its initial stage and malunion by taking intermediate inspections.

INTERNATIONAL SEARCH REPORT

International application No.

PCT/02/02450

A. CLASSIFICATION OF SUBJECT MATTER IPC7 A61F 5/058 According to International Patent Classification (IPC) or to both national classification and IPC				
B. FIELDS SEARCHED Minimum documentation searched (classification system followed by classification symbols) IPC7 A61F 5/01, 5/04 Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched Korean Patents and Applications for Inventions; Korean Utility Models and Applications for Utility Models since 1975 Japanese Utility Models and Applications for Utility Models since 1974 Electronic data base consulted during the international search (name of data base and, where practicable, search terms used) eKIPASS				
C. DOCUMENTS CONSIDERED TO BE RELEVANT				
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.		
A	US 4,441,489 A (National Research Development Corporation) 10 Apr. 1984 See Whole Document: especially Abstract and Figures	1		
A	FR 2,616,061 A1(GIRAUX) 4 Jun. 1987 See Abstract	1		
<input type="checkbox"/> Further documents are listed in the continuation of Box C. <input checked="" type="checkbox"/> See patent family annex.				
<table style="width: 100%; border: none;"> <tr> <td style="width: 50%; vertical-align: top; border: none;"> <p>* Special categories of cited documents:</p> <p>"A" document defining the general state of the art which is not considered to be of particular relevance</p> <p>"E" earlier application or patent but published on or after the international filing date</p> <p>"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of citation or other special reason (as specified)</p> <p>"O" document referring to an oral disclosure, use, exhibition or other means</p> <p>"P" document published prior to the international filing date but later than the priority date claimed</p> </td> <td style="width: 50%; vertical-align: top; border: none;"> <p>"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention</p> <p>"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone</p> <p>"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art</p> <p>"&" document member of the same patent family</p> </td> </tr> </table>			<p>* Special categories of cited documents:</p> <p>"A" document defining the general state of the art which is not considered to be of particular relevance</p> <p>"E" earlier application or patent but published on or after the international filing date</p> <p>"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of citation or other special reason (as specified)</p> <p>"O" document referring to an oral disclosure, use, exhibition or other means</p> <p>"P" document published prior to the international filing date but later than the priority date claimed</p>	<p>"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention</p> <p>"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone</p> <p>"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art</p> <p>"&" document member of the same patent family</p>
<p>* Special categories of cited documents:</p> <p>"A" document defining the general state of the art which is not considered to be of particular relevance</p> <p>"E" earlier application or patent but published on or after the international filing date</p> <p>"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of citation or other special reason (as specified)</p> <p>"O" document referring to an oral disclosure, use, exhibition or other means</p> <p>"P" document published prior to the international filing date but later than the priority date claimed</p>	<p>"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention</p> <p>"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone</p> <p>"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art</p> <p>"&" document member of the same patent family</p>			
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INTERNATIONAL SEARCH REPORT

Information on patent family members

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PC 2/02450

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 4,441,489 A	10.04.1984	None	
FR 2,616,061 A1	04.06.1987	None	